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GB/Z 232-2026

Artificial intelligence - Evaluation metrics and methods for large-scale model of power industry

人工智能 电力行业大模型评测指标和方法

(English Translation)

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Foreword

GB/Z 232-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

This guidance document sets out how large-scale models used in the power industry should be evaluated. Its scope proposes an evaluation framework, and its structure then moves through evaluation dimensions, tasks, methods, indicators, data and tools.

The evaluation tasks cover general capability, power professional capability, security capability and service application capability. Indicators are given for different model types used in the sector, namely language, vision, time-series, multimodal and scientific computing models. Normative annexes provide calculation formulas for service application capability and for the evaluation indicators of each of these model types.

Utilities, grid companies, power equipment makers, AI model developers and testing organizations can use it to evaluate models consistently and to compare offerings. Being a GB/Z document, it offers guidance and not mandatory requirements. It is relevant to anyone supplying AI to the Chinese electricity sector, and it was issued on 27 August 2026.

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